

# RADIOTRON

1J6-G

CLASS B TWIN AMPLIFIER

1J6-G

Filament	Coated	
Voltage	2.0	d-c volts
Current	0.24	amp.
Maximum Overall Length		4-1/8"
Maximum Seated Height		3-9/16"
Maximum Diameter		1-9/16"
Bulb		ST-12
Mounting Position		Vertical, Base Down
Base		Small Shell Octal 8-Pin
Pin 1-No Connection		Pin 5-Grid ( $T_1$ )
Pin 2-Filament +		Pin 6-Plate ( $T_1$ )
Pin 3-Plate ( $T_2$ )		Pin 7-Filament-
Pin 4-Grid ( $T_2$ )		Pin 8-No Connection



BOTTOM VIEW (G-7AB)

(for convenience, one triode unit is identified as  $T_1$ , the other as  $T_2$ )

Maximum Ratings are Design-Centre Values.

CLASS B (AUDIO FREQUENCY) POWER AMPLIFIER.

Plate Voltage	135	max.	volts
Peak Plate Current (per plate)	50	max.	mA.
Typical Operation:			
Filament Voltage	2.0	2.0	2.0
Plate Voltage	135	135	135
Grid Voltage	-4.5	-4.5	-4.5
Zero-Sig. Plate Cur. (total)	1.4	1.4	1.4
Max. Sig. Plate Cur. (total)	13.8	18.0	24.5
Effective Load Res. (plate to plate)	20000	15000	10000
Peak A-F Grid-to-Grid Voltage	42	60	66
Average Power Input*	38	90	120
Power Output	1.0	1.25	1.6

R-F POWER AMPLIFIER AND OSCILLATOR - CLASS C.

Maximum Ratings on Request.

- ◊ Horizontal operation permitted if pins 1 and 4 are in vertical plane.
- \* Applied between grids to give indicated value of power output.
- # One type 1K5-G, connected as a triode, may be used as a driver under the following conditions:- Plate volts 135, grid volts -4.5, plate current 3.5 mA., driver transformer ratio 2.2:1 primary to half-secondary.

← Indicates a change.

92C-4882